

Chapter 9 Cellular Respiration

Section Review 9-1

Reviewing Key Concepts

Completion On the lines provided, complete the following sentences.

1. The process that releases energy by breaking down glucose and other food molecules in the presence of oxygen is called _____.
2. During glycolysis, one molecule of _____ is broken in half.
3. During glycolysis, NAD^+ is converted to _____.
4. Glycolysis produces a net gain of _____ ATP molecules for each reaction.
5. The products of alcoholic fermentation are _____, _____, and _____.

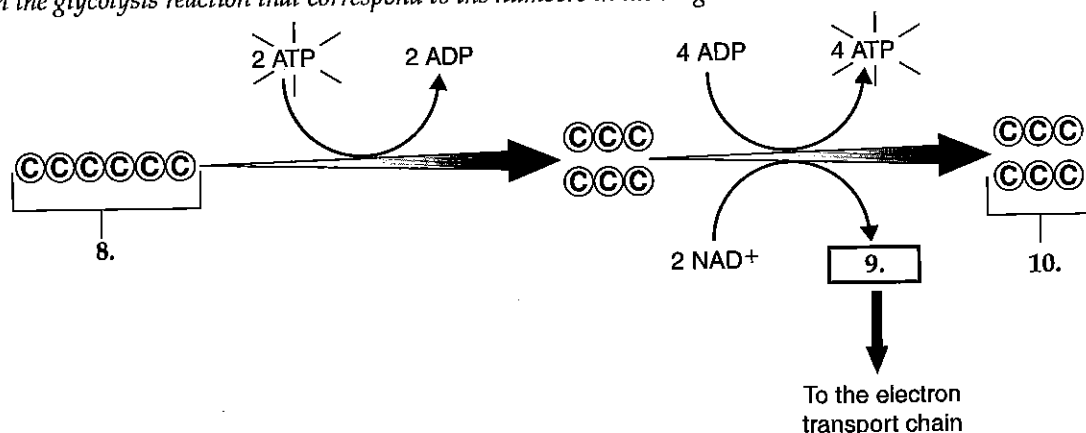
Short Answer On the lines provided, answer the following questions.

6. Why is fermentation considered an anaerobic process?

7. How does fermentation allow the production of ATP to continue?

Reviewing Key Skills

Labeling Diagrams On the lines provided below, write the names of the substances in the glycolysis reaction that correspond to the numbers in the diagram.



8. _____
9. _____
10. _____